



Docket No.: B1102.70027US00  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Scott E. Miller et al.  
Serial No.: 10/664,046  
Confirmation No.: 2591  
Filed: September 16, 2003  
For: DETERMINATION AND/OR CONTROL OF REACTOR  
ENVIRONMENTAL CONDITIONS  
Examiner: N. A. Bowers  
Art Unit: 1744

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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: October 30, 2007

Signature

**RESPONSE**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Final Office Action mailed September 28, 2007, Applicants respectfully request reconsideration in view of the following:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 7 of this paper.